Combined Declaration and Power of Attorney for United States Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION THEREOF, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S.1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, S.119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed Yes No

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(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, S.120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, S.112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, S.1.56(a) which occurred between the filing date of the prior application and the national or PCT international

08/433,646 (Appln. Serial No.)

May 4, 1995 (Filing Date)

Pending (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter W. McBurney, Reg. No. 19,352; Michael I. Stewart, Reg. No. 24,973; Thomas T. Rieder, Reg. No. 22,862; Roger T. Hughes, Reg. No. 25,265; John H. Woodley, Reg. No. 27,093;

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run name of thi	rd inventor: John Thipphawong	
Inventor's signat	ure	
	pronto, Ontario, Canada	Date
Citizenship: Ci		
Post Office Addr	ess: 45 Carlton Street, Apt. 602, Toronto, Ontario Canada M5B 2H9	
Full name of four	th inventor: Luis Barreto	
Inventor's signatur	e	
Residence: Con	cord, Ontario, Canada	Date
Citizenship: Can		
Post Office Address	s: 53 Crooked Stick Crescent, Concord, Ontario, L4K 1P4	
Full name of fifth in	ventor: Gail E. D. Jackson	
Inventor's signature		
Residence: Richn	nond Hill, Ontario, Canada	Date
Citizenship: Canadian		
Post Office Address:	10 Annette Gate, Richmond Hill, Ontario Canada L4C 5P3	٠.

Full name of sixth inventor: Larry U.L. Tan Inventor's signature Date Residence: Mississauga, Ontario, Canada Citizenship: Canadian Post Office Address: 2424 Folkway Drive, Mississauga, Ontario, Canada L5L 3N3 Full name of seventh inventor: Andrew Herbert Inventor's signature Date Residence: North York, Ontario, Canada Citizenship: Canadian Post Office Address: 199 Upper Canada Drive, Apt. 414, North York, Ontario, Canada, M2P 1T3 Full name of eighth inventor: Lesley Boux Inventor's signature Date Residence: Kirkland, Quebec, Canada Citizenship: Canadian Post Office Address: 128 Kirkland Boulevard Kirkland, Quebec

Canada, H9J 1P2.

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Full name of ninth inventor: Michel H. Klein

Inventor's signature

Date

Residence:

Willowdale, Ontario, Canada

Citizenship:

Canadian

Post Office Address: 16 Munro Boulevard, Willowdale, Ontario, Canada, M2P 1B9